

Title (en)

Methods for enhancing SDP preconditions signalling for IP multimedia sessions

Title (de)

Verfahren zur Verbesserung der SDP-Vorbedingungssignalisierung für IP-Multimediasitzungen

Title (fr)

Procédés pour améliorer la signalisation des préconditions sdp pour les sessions multimédia ip

Publication

**EP 2466483 A3 20121107 (EN)**

Application

**EP 12001581 A 20030131**

Priority

- EP 03704086 A 20030131
- US 35354702 P 20020201

Abstract (en)

[origin: US2003149775A1] This application describes how Session Description Protocol (SDP) preconditions signaling can be enhanced to support lead role negotiation, precondition capability exchange, premature precondition attempts and concatenated preconditions processing. The application describes the use of send and receive tags in an SDP message for a given media line. In a given message, a success or failure tag may be associated with a send or receive tag in addition to an optional or mandatory condition indicator tag. A lead role indicator may also be associated with a send or receive tag to indicate a desired preference with regard to the sender or receiver taking the lead role. These additions lead to a greater chance of successful session set-up completion, reduce the number of signaling exchanges in general, and enable precondition attempts to be started earlier and to be executed in parallel.

IPC 8 full level

**G06F 15/16** (2006.01); **H04L 12/26** (2006.01); **H04L 29/06** (2006.01); **H04L 29/08** (2006.01)

CPC (source: EP US)

**H04L 9/40** (2022.05 - US); **H04L 65/1043** (2013.01 - EP US); **H04L 65/1069** (2013.01 - EP US); **H04L 65/1101** (2022.05 - US); **H04L 65/1104** (2022.05 - EP US); **H04L 65/80** (2013.01 - EP US)

Citation (search report)

- [X] WO 0209448 A2 20020131 - NORTEL NETWORKS LTD [CA], et al
- [X] GRONBAEK I: "IP QoS bearer service elements for the converging fixed and mobile 3G.IP network", IEEE INTERNATIONAL SYMPOSIUM ON PERSONAL, INDOOR AND MOBILERRADIO COMMUNICATIONS, XX, XX, vol. 1, 18 September 2000 (2000-09-18), pages 19 - 23, XP002214750

Designated contracting state (EPC)

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DOCDB simple family (publication)

**US 2003149775 A1 20030807**; **US 7647408 B2 20100112**; AU 2003205396 A1 20030902; EP 1483677 A1 20041208; EP 1483677 A4 20101027; EP 2466483 A2 20120620; EP 2466483 A3 20121107; EP 2653978 A1 20131023; US 2010220716 A1 20100902; US 8566454 B2 20131022; WO 03067449 A1 20030814

DOCDB simple family (application)

**US 35614603 A 20030131**; AU 2003205396 A 20030131; EP 03704086 A 20030131; EP 12001581 A 20030131; EP 13020040 A 20030131; US 0302926 W 20030131; US 63313309 A 20091208